Only one thing absolutely new is scheduled for the benefit of the city's theatregoers this week, although there is much that is attractive in visiting combinations. The poveity is a new curtain raiser written by Stanislaus Strange and entitled "The Man About Town." This will be produced to-morrow evening at the Harlem Opera House, in conjunction with Charles Dickson's "Incog," It is to be hoped that it will prove a good piece of work, for strong curtain raisers are not numerous nowadays, and when successful serve well as ap-petizers for what is to follow. Thomas W. Keene's appearance as Richelieu may reason-ably be classed as a new attraction, in view of the fact that his present engagement is the most ambitious that he has yet filled in this city. It is to be feared that his rendering of Bulwer's stilted Cardinal will not be altogether satisfactory, as the rôle is a tedious one at this day, even in the hands of the most finished readers, and Keene is not a finished reader. "Richelieu" will be followed at the Union Square on Tuesday evening by "Louis XI.;" Wednesday, "Othello" will be given; Thursday, "Hamlet;" Friday, "Othello;" Saturday matinee, "Merchant of Venice," and Saturday evening, a repetition of "Richard IIL" This will close the engagement.

Mrs. Frank Leslie has at length embarked in the theatrical business-not, however, as an actress. Beveral years ago she made a version 'Le Demi-Monde," and called it "The Froth of Society." The play has now taken to the road, with Joseph Haworth and Emily Rigi in the leading roles, and Mrs. Leslie has gone along to see that the box office receipts do not get away. The Garden Theatre has been secured by Manager Charles Frohman for seven weeks, beginning on Easter Monday. for the purpose of producing "His Wedding Day" and "The Poet and the Puppets"—the latter a travesty on "Lady Windermere's Fan." New Britain, Conn., has added a handsome new playhouse to New England's list and it was opened last week by the Coghlans. The new play. "Doris," written for Effic Elister by Robert Drouet, has been pronounced a success in the Northwost. The veteran C. W. Couldeck has a capital part in it. An interesting controversy is in progress between Nat Goodwin and Manager T. Henry French. Some months ago the latter sold Mr. Goodwin the play. "Walker, London," and \$1,000 was paid down on account of royalies. No date was fixed for its production, and Goodwin holds that he can delay it as long as he pleases. He therefore declines to receive back his \$1,000, which is offered because other actors seek to produce the play at once. The point to be decided—possibly by the courts—is, when must a play be produced in ease of purchase without a date being fixed? some new playhouse to New England's list

The present week will witness some very Interesting changes at the combination theatres, while some of the departing attractions will be regretted. "A Mad Bargain" gives way at the Bijou to "Hoss and Hoss," which has before now amused thousands of Yorkers. It is made up of clever specialties and fun, and its some aim is to amuse. Willio Collier's company has it in hand, and the farce has been reconstructed since it was last seen here. One of the funniest scenes is a court room scene, with an extraordinary jury. "The room scene, with an extraordinary jury. "The Dazzler" succeeds "Niobe" at the Fourteenth Street, and will remain for a fortnight. This farce-comedy is now in its third season, and among the new people is Annie Boyd, who is a good singer and a very clever dancer. To the Harlem Opera House comes Charles Dickson in "Incog." Dickson is one of the most capable eccentric comedidans now on the stage. J. K. Murray with "Glen-da-Lough." which was recently seen at a down-town theatre, will appear at the Columbus, and will have with him the venerable Prof. Nichols Crouch, composer of "Kathleen Mayourneen." as leader of the crobestrs. Prof. Crouch has been the recipient of much attention during his stay in this city. "The Diamond Breaker." a molodrama of considerable strength, which has already been seen at two of the city theatres, opens at Niblo's to-morrow evening. A great piece of stage nechanism is the coal breaker, which is used with startling effect, as a man is thrown into it to be ground to pieces. It may be added that the same man plays this part throughout the week. Lovers of horse racing will find something to their tasto at the Windsor, where "The Outsider" will arrive from Brooklyn, after a very successful week. It is in this play that some very exciting hurdle racing takes place. Nuidoon, the well-known athlete, is to be a feature, appearing in a wrestling bout. At the Park. Som Dovere's vaudeville company is billed, with a troupe of genuine Moora as the leading feature. There will be a concert to-night at the Park. One of Hoyt's comicalities, "A Hole in the Ground." is to amuse east siders at Jacobs's Theatre. There will be a concert to-night at the Park. One of Hoyt's comicalities, "A Hole in the Ground." is to amuse east siders at Jacobs's Theatre. There will be a concert to-night at the Park. One of Hoyt's comicalities, "A Hole in the Ground." is to amuse east siders at Jacobs's Theatre. There will be a concert to-night at the Park. One of Hoyt's comicalities, and at the Grand Open French dancers will in Dazzler" succeeds "Niobe" at the Fourteenth in "Sport McAllister," will be seen at the Pos-ple's, and at the Grand Phera House "Across the Potomac" is succeeded by "Mavourneen," the play in which poor W. J. Scanian used to delight his triends. The star will be the sing-ing comedian. Chauncey Olcott.

the Parisian comic opera success, arrived here last week in possession of W. M. Wilkison, who has secured the American rights. It will be remembered that Manager T. Henry French made an effort to secure this work, but was forestalled. When and where the Parisian success will be produced is not yet determined. Boston seems to have developed some jealousy of Philadelphia because the latter staid town succeeded in capturing Eleonora Duse after her New York engagement. During the past fortnight several parties made up of the flub's society people have come on to attend the Italian actress's performances. It is reported that Joseph Jefferson has consented to revise "The Contract," an old-time play, for production at the Theatre of Arts and Letters. Politics and plays are rapidly approaching each other; Hoyt, the prolific constructor of extravaganzas, was recently decided a member of the Vermont Legislature, and now Manager John A. Forepaugh of Forepaugh's Theatre in Philadelphia has been elected to the Comeron Council of that city, running ahead of his ticket. It goes without saving that the demands upon him for free sents will double before the senson ends. The annual benefit tendered to Harry S. Sanderson. Tony Pastor's treasurer, is scheduled for Tuesday next. His popularity is always attested on these occasions. Certain members of the Vaudeville Club are unduly vigorous in their denial of the rumor that the new and swell organization is about to fade from view. They assert that the report arose from the fact that the coming renovation of the Opera House will force them to seek other quarters. Lewis Morrison, whose forceful work has not been forgotten here, is considering an invitation to rersonate Columbus in the Steele Mackave production of "The World Finder" at the World's Fair. Should Morrison accept, he need only consult recent files of the New York newspapers to recurs an appropriate make-up for the part. Nearly a hundred different potentiats of the celevrated discovers have been published and not wo resemble each other in any particular, except dress. has secured the American rights. It will be remembered that Manager T. Henry French

The designs and MS. of "Miss Robinson."

Last night saw the departure of Eleonora Duse, the great and the fascinating, from the Fifth Avenue Theatre, after a season which may fairly be regarded as educational. Her may fairly be regarded as educational. Her work has grown upon the public as her stay lengthened, until she is at length recognized as a strong and original genius, commanding the sympathy and admiration of the entire community. She will be followed to-morrow right at the Fitth Avenue by the Coghians. Rose and Charles, and to the appearance of this talented brother and sister peculiar interest always attaches. They will present the well-worn but ever-powerful "Diplomacy" as the opening play, and their engagement is to cover seven weeks. Gertrude Coghian, the only daughter of Charles, is to make her début in this city, githough she has been a member of the company for some weeks. Other members are Frederic De Belleville, John T. Sullivan, and Sadio Martinot.

Comic opera, which is always well patronized by New Yorkers, forms a prominent feature in the world of amusements just now. The success of Milloecker's "Child of Fortune" at the Amberg has been most positive, and no change at this house will be made for two weeks. Manager Conried has, however, made some changes in the opera, cutting the dialogue and introducing new music and songs, several changes in the cast are also announced. I adu Horkind! is now played by Fri. Ludovica Wallner, who is the possessor of an excellent soprano voice. Fresh topical songs will be given this week by Fri. Lucie Vordies, the soubrette. "The Child of Fortune" is to be followed by "Gasparone." "The Bat," and "Poor Jonathan." Idlian Russell continues to charm the town as Giroffe-Giroffa at the Garden. She has seldom been seen to greater advantage than in this dual role. "In Blanchele will be succeeded at the Casino, on Injuraday night, by Gilbort & Sullivan's tunebul comic opera. "The Gondoliers," the house being closed the first three nights of the week for rehearcal. The Duff Opera Commany will follow setts with other nor lair works. It is believed that the Veteran Verdi's first comic opera, the new "Faistaff," completed in the composer's cighttein year, may be heard at the Metropolitan Opera liques. at the Amberg has been most positive, and no

next season. Its success in Europe, when Verdi's great age is considered, is little short of miraculous. (ording Thomas's comic opera. The Goldon Web, has been successfully produced by the Carl Rosa opera company in Liverpool, and is said to be very molodious and pleasing. The story is based on The Chaplain of the Fleet," and the scenes are chiefly laid in London. The organized musicians of this city are up in arms against the practice of importing foreign musicians under contract in the guise of "artists." The Musical Union has a vigorous protest in President Cleveland's hands.

Julia Marlowe has insured for herself a royal welcome in Pittsburgh for all time by investing a certain sum in a drinking fountain to be placed in Highland Avenue Park in that city. The fountain is to be in the form of a Grecian temple, and within the supporting columns will be a group of statuary representing comedy, tragedy, music, and art. The Pittsburghers are chiefly pleased by the delicate insinuation that they are fond of water. A large company of bailet and chorus girls arrived by the steamer City of Paris last week to take part in the spectacle of "Columbus and the Discovery of America" in Barnum & lialies's show. It is to be feared that New York spoiled Carmenoita by furnishing the charming Spanish dancer with too good music during her long stay here. In Pensacola, Florida, recently she disappointed a large audience by refusing to dance on account of a poor orchestra. It is reported that Frederick Paulding and Maida Craigen, who are now supporting Thomas W. Keene in tragedy at the Union Square, intend to star jointly next season. Minna Gais-Haynes has declared in an interview that she will appear for the last time on the stage on the evening preceding Easter Sunday, and will settle down thereafter to domestic life in this city. Francis Wilson has found some of the music in "The Lion Tamer" too trying for his voice, and has had it rearranged in consequence. Boston bussts that in 101 years she has had forty-nine theatroy of which number but eight have been destroyed by fire. It is a question whether this is due to the Fire Department, Boston prudcene, or the poor quality of Boston matches. city. The fountain is to be in the form of a

The present sension is likely to become proverbial for its long runs at the leading theatres. The stock companies have never, as a whole, given the public better work, and the plays are exceptionally strong and wholesome. "The Girl I Left Behind Me" still crowds the Empire, where it is nearing its one hundredth performance. Apropos of the "standing room only" placard, it is related that Manager Frohman entered the theatro late one evening recently and was forced to atand in his own house. "The Councilior's Wife." by Jerome K. Jerome and Eden Philipott, was to have followed "The Girl I Left Pehind Me," but its production has now been postponed until next season. "The Sportsman" has been five weeks at the Standard, and the company will remain until the close of the season. Before their denarture they will present a new play. "The Silent Battle," by Island Henderson of this city, which was produced in London several months ago by Charles Wyndham. It is a serious drama, and will therefore put this couranty of comedians to a rather severe test. "Twelfth Night" continues at Daly's. Four weeks more remain of 'Americans Abroad" at the Lyceum, and it has reached its fourth month. It may therefore be listed as one of the season's great successes. When the company leaves home it will travel as far as the Pacific coast before returning, presenting the chief plays in its repertoire. The subendid record made by 'Lady Windermere's Fan' seems likely to force Manager 'Palmer to hold back his next play until the Opening of the fall season. The Chinese may have to go, but the "Trip to Chinatown" stays, On Friday night last its stay had reached 500 nights, and the occasion was appropriately observed by presenting each lady in 'the audience with a handsome souvenir. The present week will see the last of 'Ninety Days' at the Frondway. As a speciacle it has attracted much attention, although but little can be said of the story or the dialogue. Neel Harrigan proposes to replace "The Mulligan Guard's Bail' next week with another of his old successes, "Cordelia's Aspirations." This is the last week of 'On Probation' at the Star,' and William H. Crane has again vindicated his reputation as a lucky man. The play give are exceptionally strong and wholesome. "The Girl I Left Behind Me" still crowds the Em-On Friday night last Fougere kicked a fare-

well kick at the Imperial Music Hall, to the intense regret of the city's youth, and yesterday set sail for her beloved Paris. Alice Harrison, who has been very ill at the Gedney House, is believed to be on the road to recovery. Her sprightly presence is missed from the burlesque stage. The east side will be "desolated" if the only Maggie Cline adheres to her determination to break her contract with Tony Pastor and join the "After Dark" company in Pastor and join the "After Dark" company in Pastor will take in the matter he has not yet made public, but it is possible that Maggie's done. Tony Pastor's anniversary celebration of course on the "21st and not the "28th, as has been erroneously announced. Mile. Murthy Markey on the "18th, as has been erroneously announced. Mile. Murthy and preserve them as souvenirs of certain of several well-known clubs, who wish to glid and preserve them as souvenirs of certain bibulous nights. A henefit is being arranged in this city for Wm II. Pope, who has been incapacitated for work during the past three years. He was formerly a member of waits. He was formerly a member of waits. He was formerly a member of waits. He was formerly a member of waits and preserve them as souvenirs of certain bibulous nights. A henefit is being arranged in this city for Wm II. Pope, who has been incapacitated for work during the past three years. He was formerly a member of waits and preserve them as souvenirs of certain of Square and Lyceaum. Everything seems to be going swimmingly with the local manager new Association for the Protection of Stage Children, which is to serve not only a "ate." The Rasign "the Judge Advocate puts the question of Stage Children, which is to serve not only a "ate." The Rasign "the Judge Advocate puts the question of Stage Children, which is to serve not only a "ate." The Rasign "the Judge Advocate puts the question of Stage Children, which is to serve not only a "ate." In the court martial secule in "The Rasign" the Judge Advocate puts the question to each witness. "What is your name and rate "the only new plays chedical for the prevent the only new plays chedical for the past week." It was not until very re who has been very ill at the Gedney House, is believed to be on the road to recovery. Her

The plan inaugurated by Manager A. M. Palmer of levying a ten-cent assessment upon every complimentary ticket issued-the money to go to the Actors' Fund-has given rise to so much discussion and comment that a little history of the scheme is interesting. It origimuch discussion and comment that a little history of the scheme is interesting. It originated in Germany, where it operated so successfully as to furnish means not only for the profession's charitable work, but pensions as well for many agod actors and actresses. Several years ago Manager Conried brought the German plan, in a modilisel form, to the notice of the trustees of the Actors' Fund, but the suggestion was not acted upon liceantly, however, the trustees have thought better of it, and some discussion was had in meeting. It was then that Manager Palmer determined that the best way to test the plan would be to put it on probation for a month at his own theatre, which he has done. He calculates that there are not less than 200 theatres in the United States where the plan could be carried out, turning in not less than a dollar a day each, or an aggregate of \$1,200 a week—\$48,000 to the Actors' rund for the theatrical season of forty weeks. The fund needs some such steady source of supply, as it has not had a single benefit as yet this year. It has, indeed, invested funds amounting to about \$20,000, but the demands upon it are constantly increasing, and it is estimated that its disbursements for the year ending with June next will exceed the sum of \$30,000. This sum, of course, will encreash upon the invested funds. Therefore it is that Mr. Palmer and his colleagues hope, to make the tencent assessment a "go."

Sol Smith Russell, who is now recognized as a regular summer attraction at Daly's Theatre, has a mania for collecting autographs, and, as a result of his hunting expeditions, has many of value. When Charles Wyndham was last in this country he so delighted New Yorkers with his charming comedy work and his excellent his charming comedy work and his excellent company that the town has never ceased to long for his return. It is, therefore, pleasant to read that he proposes to leave England for the United States on Dec. 17 next. The date is a trifle distant still, and it is to be honed that he will not change his mind meanwhile. The Hawaiian Princess kaiulani, now here in search of justice and a throne, is accomplished in vocal and instrumental music, speaks three languages, has a pleasing presence and a charming voice, should she fail to secure a throne, there is little doubt that the next mail would bring her a flattering offer from some enterprising American menager to star her in an entirely new play, to be entitled "Kaiulani's Quest; or, the Pauper Princess of the Pacific"—or words to that effect.

A pair of clever Parisian duettists and dancers, M. and Mme. Derouville-Nancy, will be seen as a leading feature at Koster & Bial's to-morrow night, this being their first appearance in America. Another new arrival will ance in America. Another new arrival will be Belle Black. a vocalist from the Empire Theatre in London. Arvida Swenson, the Swedish singer, remains, with most of the Other attractions of the past week. Offenbach's "Orphous" will be withdrawn at the end of this week, giving way to a Bhou edition of "La Fille de Mme. Angot." The new plan at the Eden Muse of giving daily afternoon and evening performances, has been in operation for a week and seems to have been satisfactory. The puzzling manifestations of Guibal and Greville have passed their 250th performance at the Musée, and all the attractions of the past week remain. At Worth's Russum the million-doiler gold.

exhibit will be shown throughout the week. New features are Stanton, the juggler; Redan, a magician who appears here for the first time; M. Thedore, the fire king; M. Brugro, Parisian musical artist; Connun and Tookey, Rose Bacon in character songs and dances, and John A. Bryant in German dialect. Huber's offers some new entertainment in a troupe of performing lions and Brown and Harrison's novelty company, besides mindreading, a missing link, a performance of "Monte Cristo," and what not. At Doris's Museum the attractions are equally strong. There is always to be found at this Eighth avenue house something unique or sensational, such as the complete circus which was seen there during the past week. Tony Pastor's bill for the new week includes Mile. Paquerette, who begins her farewell engagement, and the following: J. W. Kelly, the rolling mill man; Vesta Victoria, the Evans, Edward and Josie; O'Brien and Redding Allen and West, the negro musical team; Julia Kelly, lady bone soloist; Maior Burk, George W. Woods and George Willis, in a military spectacle. "The Outpost;" Addie Smith, Scotch dancer; Leonza, the juggler, and the Morellos in wire acts. The imperial to-morrow will have as a special feature four French dancers known as the Diamnattine troups. They come from the Casino in 'Jaris, and have been very much praised. The Edouardos, dancers, are also on the Uill, besides Fleurette, the high kicker, and a number of specialists. The regular Nunday night concert is given this evening. Proctor's new vaudeville system of continuous day and night performances has evidently come to stay, and the bill is so regularly changed as to render it always new to the regular patrons. To-morrow's noon programms will include l'at Murphy and Minche Andrews, in operatic selections: Elsie Adsir, with her jumping horse Vaquero; Burt Hale, character songs and dancer; Isle Adsir, with her jumping horse Vaquero; Burt Hale, character songs and for the Weber & Floud's company open to-morrow evening.

Col. Robert G. Ingersoll will deliv evening.

Col. Robert G. Ingersoll will deliver the last of his series of Sunday night lectures this evening at the Broadway Theatre, his subject being "Shakespeare." The gallant Colonel may prove the divine William to have been an may prove the divine William to have been an agnostic before he gets through with him, since he has chosen to overturn history in this regard in dealing with Abraham Lincoln. It has been erroneously stated that E. I. Davenport, the talouted son of a talential father, proposes to star next season. He will not attempt this ambitious flight until the following year. The success of the new Urania spectacle, "The Wonders of America," at Music Hall, has warranted its continuance this week, and performances will be given on Tuesday and Wednesday evenings, and on Wednesday afternoon. Marie Tempest seems to have repeated in Philadelphia the hit she made here in "The Fencing Master." For the benelit tendered to John I. Ruddy at the Standard Theatre to-night the following have been secured: Willie Collier, Ross and Fenton, James Thornton, Mark Sulivan, Sadie McDonald, Bernard Dylyn, Lizzie Derious Daly, Barney Reynolds, Billy Jerome, Charles Seamon, Alf Hampton, Flora Irwin, J. Hierbert Mack, "County Fair" Quartet, Gregory Banjo Trio, Gregory, Farmer and Yon Baarder Banjo Trio, Gregory, Farmer and Honges of casting James Owen O'Conor in the shade for all time, and will begin to climb the ladder next week. The fair Lillian, it is said, has taken considerable Interest in the progress of his studies, Nearly all the "combination" theatres in town will give extra matiness on Friday next in honer of St. Fatrick, George Gros agnostic before he gets through with him.

Anything new which Alexander Salvini does is dramatically important, since he has shown himself so worthy a follower in his father's footsteps. He recently made with his own pen a new adaptation of "Ruy Blas," and on Thursday night it was performed for the first Thursday night it was performed for the lifet time at the Wainut Street Theatre in Philadelphia. The play is in four acts, and Salvini has doubled the two parts of Ray Has and Ducasar de Bazan. He assumes these roles himself, and succeeded in greatly cleasing his sudience. The play was handsomely staged and costumed, and is in the hands of a competent company. Salvini expects to make a strong feature of his reportoire.

The accident which has temporarily retired Annie Pixley lost to New York for the present the only new play scheduled for the past week. It was a great disappointment of William (fill, the author of "Her Honor, the Mayor," who had hoped for a favorable reception in New York before taking his play on the road. As Annie Pixley's engagement closed last night it is not known when this city will see the new comedy. She may not play again for at least ten days, and on Friday night promptly cancelled her engagements for the present week.

RICHES IN A HOLE.

At the Bottom of a Texas Pool 1s \$300,000 in Gold and Silver. From the St. Inuis G'obs-Democrat.

At the Bottom of a Texas Pool is \$300,000 in Gold and Silver.

Brom the St. Innis Gold-Democrat.

San Antonio, March 2.—In the early part of the present century, when San Antonio was the home of many wentthy Spaniards and the commercial centre of all of northern Mexico, a mulo train started for this city from the City of Mexico. There were thirty mules, each londed with 8,000 sliver dollars and a considerable amount of gold coin, the total amount being about \$500,000.

The caravan was in charge of Capt. Palacio Flores, a prominent and trusted employee of the Government. In addition to the drivers of the mile train there were about fifty well-armed and equipped guards. The old and well-worn national highway through San Luis Potosi and Monterey was taken and the dangerous mountain deflex south of Saltillo were passed without any attack on the train being made. The Bio Granule liver was crossed a few miles above Laredo and the train made its way rapidly toward San Antonio.

In those clars the national highway passed through what is now Dimmit county. Tex., following the bank of Pena Creek for several miles. On the bank of that stream was a lavorite camping place, which is now called Brand flock Water fiole. This hole is located at a sharp bend in the stream, and is of unfathomable depth, aithough it evidently has a natural bottom, as the water in it does not pass into any interior cavity.

When this camping place was reached Capt. Flores decided to remain there a few dars resting the mules, preparatory to making the 100 miles still remaining between there and San Antonio. He considered that all the dangerous portion of the country had been passed through, and only left ten men on guard the first night. Even this number seemed unnecessary, as there were no signs of any attack, and no plokets were posts next day.

It was about noon on that day when a band of brigands suddenly rushed upon the unprotected camp out of a dense live-oak thicket. Capt. Flores and head of yellow the passion of the wealth, he ordered the dr

SOME POEMS WORTH BEADING.

Somewhere Between. Between the daybreak and the sen, Between what's doing and undone, I wint what is lost and what is won The span of life we see: Between the thinking and the deed, Bot ween the asking and the need. Twixt those who follow and those who lead, I find myself and thee.

Between our hope which shines afar Ageinst life's sky like some bright star, And fate's most stern, relentiese bar, All joys and woes exist; So, if our lives, which seem so bright, uld be obscured by some dark night Remember there's a brighter light No darkness can resist.

If under sun, if over sea, If east or west on earth it be, That land with naught to vex her Whose law is love, whose leve is free A boon to all humanity-America, annex heri

Annex Altruria

BRUCE WRITTEY.

Altrurial If in some star Thy golden seats of empire are. Oh, then, from Maine to Texas. Oh, then, from Maine to Texas.

From furthest east to furthest west,

Though pride and greed and sloth protest: Altruria, annex us! Jay Lannann Manca 7, 1893.

Whom Do You Love! Whom do you love, my love ?" she said, As I bent my face above her; And I tried to calm her, and held her head Whom do you love, my lover !"

"Look in your heart to-night and see If there is a shadow in it,
A shade of a thought that is not of me, And tell me truly if there should be; Whom do you love this minute ?" Whom do you love " and her trembling hand

Left wandering caresses Upon my face: and all the land Was lit with love, and the night wind fanned Her brow and shook her tresses. "A woman's love is a priceless prize, And if you should want to win it;"
And again I looked, and to my surprise

I saw two tears in her deep, dark even

"Whom do you love this minute ?" Whom do you love !" and I caught the swell Of her breast her grief had given; And I touched her lips and I smelled the smell Of the passion flower and the asphodel.

"To me there's inst one world, my dear, And just two recopie in it; And now to-night, as we stand here And I hold your hand, have not a fear. For I love you every minute !"

And the earth was changed to heaven.

Beallem Refuted Does winter waive the rigors of its sesson, See May, a strew, retard the greening spring: In mind, excess will dash me back on reason, To see my fling more clearly for that fling.

Thus, having drunk this spirit of the hour. Daring and energetic, in a light That seemed: I caught my pen, and called it power High in my revelation how to write. The leaves had grown, fast shed, and not a few.

Meant to exist with physic life compact: igathered them, and, starting, read them through: They were not life, not commonplace, not fact. Social and sensible however well

A man may know, and author with what wis And pride would win them in his page to dwell, His book won't be, what is outside of it.

A Woman's Cry.

The editor is on thy track,
Crinoline!
He wants to pluck thee from my back, Crinoline!
He says the skirts, which now hang sinck. Are beautiful, and seeks to pack Thee off to some place called Way-back.

Crino ine ! My Crinoline ! Hark to thy wearer's strong appeal, Crincline!

My bird cage skirt, in thee I kneel,

Thy fair proportions now reveal,
And gird those beauteous limbs with steel, Crinoline : My Crinoline ! Thou wilt not cower in the dust, Crinoline !

Thy gleaming steel shall never rust, Crinoline! Remember, now, thy cause is just, Remember every sharp pen thrust, And "do" the editor or bast, Crinoline! My Crinoline!

Dear Hoopskirt, break the tyrant's chalm. We women should not call in vain,

Crinoline! We meet our sisters on the plain S. comper 'tis our proud refrain, That baffles minions back again, Crinoline! My Crinoline

Thou wilt not yield the vandal toll, Crincine!
Thou wilt not bend to his control, Crinoline !

Better a sawing on thee roll, Hetter be buried in a hole, Than thrink an inch to save his soul. Crinoline! My Crinoline!

Geraldine's Boots. From the Land m Magazine. They nearly strike me dumb.
I tremble when they come
Pitt-spat;
This paipitation means
These boots are Geraldine's:
Think of that:

Where did a hunter win So delicate a skin For her feet? You lucky little kid. You perished, so you did, For my sweet.

The fairy stitching gleams On the sides and in the seams, And coveals That the Pixies were the wags. Who tipt these funny lags, and these beels. What so'es to charm an elf!

liad Crusse, sick or self.
Chanced to view
One printed near the tide.
Oh, how hard he would have tried
For the two.

For Gerry's debonair,

the standard for the standard for the san angel in a frock, the san angel with a clock

To ber bose!

The simpletons who squeeze Their pretty thes to please Mandarins. Would positively flinch From venturing to pinch Geraldine's. Cinderella's lefts and rights To Geraldine's were frights.

And I trow
The damsel, defly shod,
lias dutifully trod
Until now.

Come, Gerry, since it suits such a pretty Puss (in boots) These to don Set your dainer hand awaits On my shoulder, dear, and I'll Put them on. PREDERICK LOCKES.

Pomp's Defence. Aris building at Chicago will cover forty-four acres and the total area of the buildings will be 240 acres. From Frank Ledie's Work'y.

I stole dem breeches. I 'knowledge de corn, But 'twan't no crime, ez sure ex you er bern, I'r de in-la'v isripht, den whar's de am ? I stele dem breeches ter de baptire' in. Fur my on'iest pa'r was clean wored out, Dey give upde shoe' when I 'gan fer shout Bul r'digion is migally, en bus pervai. Do it lands er darky in de county jail. De chain gang's sot me, en de coal mises toe. But what could er 'fenceless coursed man do, Wien de jedge en jary 'lowed it wur sie Ter sical dem breeches ter be baptise' in ? Tell de folks all howdy en gnod-by, too, I'll meet 'em in hebbon when my wuck is fru. Fur my heart is white, do my skin is black. En I'm gwine ter trabbel on de shinin' track. When de Lawd is jedge, i kno' lie gwine say, romp's straight er er shingle, er fair en de dey, He'll shout ter de worl' dat il wan't no sin Ter steal dem breeches to be baptine' in.

BRILL H. HARRIDON

The Way of the World. From the Indianapolis Journal.
The whole world loves the modest man.
Whether he be great or be small;
But yields up its pounts, in great big chunks.
To the man with a surplus of gall. Bergen Point .- The wedding auniversaries observed in The whole world loves the quiet man, whole as silent all day as the owls; But it's needless to mention that it gives its attention to the fellow who gets up and howis. The whole world loves the peaceful man, Who sees no occasion to dicker. Eut the full right of way, you'll permit me to say, It gives to the strenuous kicker.

QUESTIONS BY SUN READERS.

It is strange but true, that the man who signs him salt "Constant Render" always asks us to do some-thing for him that any man who has read this column twice ought to knew we don't do. Here is J. P. Derby, who says he's read this column for several years steadily; he wants us to recommend some company or person who will guarantee his rents for him. Now, hought to know, if he really has reed fur Sunnay Su regularly, that the only names of commercial com-panies printed in this column are those of booksellers. and they are given because booksellers are civilizing forces. But because Mr. Derby claims to be an old reader we will treat him kindly. Let him repeat his question and send a stamp or a post card.

Mr. Powell of Mt. Holly, N. J., says that Capt. Douglas Ottinger, U. S. R. M., invented the life car. All right we were talking about medals from Congress, not about life cars, though the were mentioned incidentally We have no wish telgnors Capt. Ottinger or Mr. Powell but Mr. Francis received the gold medal to which we referred, as being the inventor of the life car. Mr. Fowell makes out a pretty aircng case for Capt. Ottinger, however,

Agentleman who takes an interest in having dates correct, writes, concerning the date of Wyoming's entry into the Union: "Some time ago I came across a scrap that it was a disputed point whether July 10 or 11. I wrote to the Governor, and it seems a coincidence that his reply came to me last night. I loan you the letter that you may with authority correct your record to July 10," and hereafter the date shall be July 10,

About the year 1858 there was a child of a certain Jewish family named Motars or Matara living, in England that had been taken by the servant girl to a pricest and haptised in the Cathonic faith. After the ceremony the priest refused to give the child up, and it was sent to the Pope at Roms. Great influences were brought to bear on the Pope, but he refused to give the child up. What has become of the child?

You have a general idea of the famous Mortara case,

You have a general idea of the famous Mortara case, but are wrong in many details. The Mortaras were French Jewa. On June 20, 1858, their son, Edgar Mortara, was taken from their house in Bologna, Italy, by order of the Archishop of Bologna, who refused to allow him to be returned, his reason for the abduction being that the child had been haptized in the Roman Catholic faith while still an infant, a Roman Catholic nurse having secretly taken the child to a church and obtained its baptism. The French Government protested to the Pope, who was then a temporal ruler, but the Pope refused to restore the boy. Sir Moses Mentedore Journeyed to Rome with the hope of persua ling the Pope to return the child, but his mission failed. The boy was brought up a Roman Catho-lic, and, if he isn't dead now, is a Jesuit priest; so is a younger brother. The Rev. Bernard O'Reilly explains the case thus: "An ancient law of the Roman States, enacted in reality for the protection of Israelites in their religious freedom, forbade overy Jewish family from having Christian servants. The reason was this Christian servants, beside the dauger to their own faith from the influence exercised by wealthy masters, were continually tempted to bestow baptiem on the children of the latter when in imminent danger of death. The penalty was, when such baptism had been administered by a Christian servant, that the child thus baptized should, in case of recovery, be taken away from the parents and reared in the Christian faith. This was the pen alty, well known to the Jews, and imposed for the in-fraction of a law intended to protect themselves from intrusion into their own family circles." The servant, by name Anna Morisi, baptized Edgar while at the point of death several years before, Dr. O'Reilly con-tinues; and in November, 1857, the magistrates took the boy from his home and sent him to the House Catechumens in Rome. "The parents, meanwhile, were allowed every access to the boy; he was educated thoroughly in accordance with his station and pros-pects, and manifested no disposition to return to the

1. Please lay out a course of general reading for a young men anxious to improve himself. 2. Which of the two shorthand systems is the better, Pitman's or Grabau's ? 1. Probably the best rule to be observed is that of

ewish faith."

Emerson in his "Essay on Books." "Never read any-thing you do not wish to read." These may not be his exact words; but the idea is his, at all even's. Now following that rule, you can take your pick for there is no use in us giving you a course of reading on this subject when you prefer that one, or suggesting the other thing when you "go in" for something wholly different. "General reading" is indefinite, too much so; it would be better for you to take up some subject and study it as thoroughly as you know how, rather than to read generally -a little of a lot things not much of any one thing. 2. Graham's system is used by the principal professional shorthand writers.

Flease give me (1) the area and population of Obla-homa. (2) the boundary lives of the land known as the 'Outlet' in the Indian Territory, the agreement for which was ratified by the therease Council on Jan. 4, 1893?

J. The area of Oklahoma, including No Man's Land and the Cherokee country, is 30,000 aquare miss; its population was 19,101 in 1890. 2 The Cherokee Out-let is bounded on the east by the Arkansas River, and dians; on the south by Okiahoma, on the west by Lips

comb county, Tex., and the "Public Land Strip, now part of Oklahoma, and on the north by Kansas. 1. Were there ever any farmers in Ireland killed for paying rent; if so, who did it? 2. Is there any law in New York State forbidding the Orangemen parating in a body in New York.

1. There have been several cases of murder in Irelan for payment of rent; as a rule, however, men murdered for that cause have made themselves obnexious for other reasons also-such as acting as under agenta, un der balliffs, &c. One such case is that of James Breinan of Ballyfarnon, shut dead on Dec. 13, 1881; the princi-pal case is that of Curtin, murdered in the presence of his wife and daughters. 2. No.

"The Marquis of Salisbury is going to Uister, which means, of course, to Belfast or Derry, to illuminate the Grange lodges and prepare the foolish inmarks to oppose home rule. Way hat he goes to count forward or county favors, these are whole countles in Uister." Are the tradicised words correct?

6. O. As The quotation, you tell us, is from an Irish news-paper. The phrase is an Irish location, common enough, we think; but it is not good English. The meaning is plain enough; but it would be hard to get the exact construction for which the given phrase in

an cilipsis

In case of the failure of a firm, is the employee's cistin to be paid first before any other debt, after an assignce is appointed and duty qualified as such?

A. R. R.

Yes: according to section 29 of title 1 A. chapter V. of Part II, of the Revised Statutes, "the wages of salaries actually owing to the employees of the as signor or assignors at the time of the execution of the assignment shall be preferred before any other debt." This seems definite enough.

Where may I find a detailed account of the Irishmen who figured in the Revolutionary war! History, Capt. John Congdon's "The Irish in America" is the best book on the subject. It gives extracts from test mony taken by a British Parliamentary Commission, abowing how traiterous the Irish had been toward the British Government, and conversely, how valuable to

Who nominated Cleveland in 1884, 1888, and 1892; Daniel S. Lockwood in 1884, Daniel Doughert, in 1888, and Leon Abbett of New Jersey in 1893.

C. C.-Good Friday is not a legal boliday in this State. Mogicamp. -Senator J. M. Palmer of Illinois was Gov-ernor from 1869 to 1873, but never sat in the House of

I. F. Z.-Harris and Pottitt's play of "The World" was first played in this city at Wallack's Theatre, now the Star, on Tuesday, April 12, 1861.

Alf Johnson.—Any male born in this country is en titled to vote when he is of age if he fu.fis the local requirements as to residence.

T. F. F.—In 1890 the appropriation for street cleaning to this city was \$1.255.835, in 1891 it was \$1,584.250. in 1892 it was \$1,978,540, in 1893 it is over \$2,100,000. W. E. Schermerhorn,-There are firms which buy can-

celled postage stamps; we've forgotten their addresses and the prices they pay; we think the average price is about \$50 a million stamps, though it may be more. Columbus.—The main building at the Centennial Exhibition covered about fifty acres of ground; the Liberal

Jingsould .- The bady of a violin should be, for the belly of straight-grained deal; for the back, of mapie or sycamore wood. In old vicitus pear wood is used

Martis,-Isabelle Urguhart, now Mrs. Standish, is no a sister of Mrs. Cora Urquhart Potter. So far as the legal records go, her name was Isabelia Urquhart Smith; and two or three years are she changed her name, in the manner provided by law, and dropped tue

Couled Rest.-You might put your savings into good morigages: there are mortgage companies in this city that should suit your purse. You might attend the free lectures at Cooper Institute, and you might join the Mercantile Library in Astor place, where you will find all the books you need. We are afraid you don't read the newspapers with your mind open. There more in a newspaper than the news, there are adver tisements and other things to read and think over.

this country are: on the first or second anniversary, the paper wedding; on the fifth, the wooden on the teath thetin; on the fifteenth, theorystal, or the china; on the twentieth, the china or the crystal; on the twenty fifth, the sliver. The golden wedding comes on the fiftieth anniversary, and the diamond, or ruby wedding, on the seventy-fifth anniversary. Authoritiessuch as they are—do not agree on all points; so we give alternative names and dates.

THE SUN'S SCHOOL FOR CARD PLAYERS.

This department will not answer quartient which are writte

J. Post, Deaver.-What more explanation can be given than was given in the answer you quote? In the draw each hand must be filled, beginning with the age and continuing to the left before the next player may re-ceive cards. A hand which contains fewer than five cards is not filled. It is axiomatic that a player may draw cards but once at each deal. If he does not get enough cards that time it is his fault, and his hand is dead. He can't expect to come twice to the crib. There is a widespread notion that "It spoils the draw" of the succeeding players to give a player a new card for one which has been exposed in the draw. Rubbish : No player has a lien on any particular card uniess has bas a bag or big sloeves, and is holding out, which is a practice not recognized among gentlemen. The argument that any player is entitled to certain cards in the draw is a rank fallacy except as it applies to the age. Suppose the age announces that he will draw one card. The second hand says be will draw three. According to that argu ment the second hand immediately becomes "en-titled" to the second third, and fourth cards on the deck. But if before the dealer gets ready to serve the cards on the draw the age should change his mind, as he would have a perfect right to do, and draw for cards, what would become of the second man's "right o those three cards !

As to the other point the opener must show his full hand of five cards.

In a game of whiskey poker which is the winning band of the following straights: Ace, deuce, three, four, and tive, and six, seven, eight, nine, and ten.

The six, seven, eight, nine, and ten. In straights the ice is either high or low. A straight composed of ace, leuce, three, four, and five is the lowest; one composed of ten, jack, queen, king, ace, the highest, Rindly decide following bel: Dealer in game of poker turns up a player's entire hand, does he deal him new cards before he helps the next man or after?

At Dayse.

If the hand was turned up before the draw there face down, before he serves the next player. The man who would play such a trick should be kicked out of

In order to seitle a dispute will you kindly inform me through Tus Sux which hand is the easier to flid with a one card draw straight or libel, and what are their relative chances per cent.! Doc Donsey, Toledo, O.

It depends on the luck you're in. To a two-ended straight the draw is in theory worth 1 in 55g to a hob-tail flush the draw is worth in theory 1 in 5 2-9. In the inscrutable wisdom of the originator of the great American game a flush was decided to be a better hand than a straight, suppossibly because, the theory to the contrary notwithstanding, it is harder to draw than the straight. In many Western coleries it is no easy to draw a straight that three of a kind is held to be a better hand. A man who kept track of 500 draws to a bebtailed flush in a six-handed game, found that be filled but 83 times, whereas in theory he should have filled 95 or 96 times. Perhaps it works the other way with straights. We never tried

Kindly decide the following controversy: I. A. B. and Uplay a game of phochie. If A leads trumps are B and Compelled to least the card A leads it possible for them to do so? 2. In a two-handel game, when the last twoive tricks are to be played, am I compelled to beat my opponent's every card if I can do so?

John Burkand.

1, Yes. 2, Yes.

Will you kindly state in your "card players' column" whether in poker five cards of any suit in sequence constitute a royal flust, or whether the five highest cards of any suit (ten spot, jack, queen, king, and ace) only form a royal flust;

The highest five cards of any suit constitute a royal fush. It is so called because it contains the court or Please decid - the following questions in the Sunday's

Please decid: the following questions in the Sunday's flux: Two persons playing pinochie with two packs of cards from nine up. 1. Can a player who is leading take the trick then pick up a card from the nack the pack not being exhausted, throw up his hand, and take the nines to trumps and claim a credit of ten inc each by merely showing that he has the nine or nines in his hand; 1 claim that a player is entitled to 10 points when he as dealer turns the trump and it happens to be an ine spit, so otherwise he nine is down the nine after taking the trick and before litting again, the same as he would be entitled to a 20, 40, 4c.

1. Yes. 2. You are right.

A. R. C. D. and E are playing draw poker, twenty five cents limit. A antee five cents. B straidies by putting up to cents: distraidies hat by putting up to cents. Once claims the right to straidle by putting orty cents. E denies his right to straidle by putting forty cents. E denies his right to do so, asying. "You are going beyond the limit." D says. "No: I put in twenty cents, the amount of Cs straidle, and raise it twenty cents more, whereas the limit is twenty-five cents." A bet is made, and the decision is left to The Box. Was Dright or wrong in his claim? W. and S.

which can never be more than half the limit. If C were permitted to straddle it would have the effect of to draw cards. Each other player in turn could then make it cost more, and so on just as long as they liked. Expert players say a good player never straddles.

Will you please let me know, through your valuable paper, who holds the winning hand in the following same of poker: A holds a pair of aces, a pair of fives, and king high. B holds a pair of jacks, a pair of queens, and ten high? The very best thing you can do, dear Reader, is to eschew the fascinating game of draw, and the quicker

of averages never enters into the determination of the value of poker hands. Of two or more hands, each colding two pairs, the hand holding the highest pair

In the game of pinochle do the eight aces count 1,000 and must they be uncided at once, or can the four aces be melded and rount 100, and the other four aces count 1801 2. In melding double pinochle can you meld 40 on the first pinochle, and 300 on the second, or must you meld them at the same time.

1. The eight aces count 1,000 only when melded all at once. If you meld them four at a time you score out 200. 2. You must meld them at the same time.

How do you count the twenty-nine—said recently in your columns to be the highest hand in cribbage—three fives and a jack of the same suit with another five turned up?

Lamer.—
In the first place we did not say what you say we did. What we did say was that the highest possible score is twenty-nine, which is made by three fives and a jack, with a fourth five of the same suit as the jack turned up. The score is made up this way: The four

fives in four combinations of three, acors fifteen eight, each of them again acors a fifteen in conjunction with the jack, making eight more; to these are added twelve for the double pair royal, and one for his note, making twenty-him. If the jack and atart he of different suits the score is only twenty-sight. With four fives in the crib and the jack turned up, the value of the show will be twenty-eight, but the dealer will have accred two for his beels, so the total value is thirty.

Will you kindly answer the following: A and B are playing ametion pitch. A ha. I point to go, he being b, B aiso being b, A bids two, B bids three. B pings high, low, rame. A makes the jack before B makes his game. Who wins.

B wins. He made what he bid, and his high and low both score before A's jack,

Will you kindly inform the writer through your vainable paper who is right in a two-linded game of pinochlef fire cards are all taken by when Ar a me that should beat all cards that ere played, and B refuses stating that he must not go over a card when peace unless it be a frumplead. Ws. Fot. was, Brooslyn. A is right. After the first twelve tricks are gathered in the second player must take the trick if he can. Failure to do this constitutes a revoke, and loses all the points the revoking player has made in that hand.

the points the revolting player has made in that hand.

Will you kindly decide the following argument and bet. In a game of double pincetie A and R are partners against C and B; both parties require only recommended and by the second of the

To settle a dispute, please decide the following. In a four-handed game of poker all pass except dealer; the age rales, the denier raises back the age rales, and dealer cose the raise. Whereupon forgetting that cards had not been drawn, the age says. "The mone is mine," and at some time exhibits his hand-a full-white, however, he does not relinquish. Thereupon the dealer claims the pot.

B. ii.

The dealer and contilled to the pot unless, on the draw to which he is entitled in spite of the fact that the age has shown his hand, he draws enough cards to beat the age's full house.

Will you kindly decide following question: A. E. C. D. and R are playing poker. A recins jackpost is and U draw cards, after Graw A hets. If and C both post, A chowas pair of these. If shalled the whole hand must be shown; A that only the openers are necessary. Who is right? The whole hand must be abown. Bis right.

What is the rule as regards "discards" in playing poker where six or more play? poker where six or more play?

We suppose you refer to cases where the pack is extended in the draw. In such cases the discards are shuffled and must be cut. The last eard of the pack must be shuffled with the discards. When a player has thrown up his hand, after having been served in the draw, that discard must never be shuffed with the others. The draw with the shuffled discard then pro-ceeds as usual.

MANA TO A

NOTES ON SCIENCE AND INDUSTRE The name of asbestos percelain is given to a The name of asbestos perceiain is given to newly invented French material, possessing, it is asserted, some special advantages over ordinary percelain. The flures of asbestos are exceedingly fine. French measurements showing their diameter to vars between, 00010 and, 0002 millimetres, an exceedingly fine powder being consequently obtainable from them. If it were possible to amalgamate such small particles without the addition of any foreign substance, it is evident, says the Electrical World, that a material could be obtained, which would be so fine as to be inardly visible under the microscope. The substance in question is formed by pulverizing the asbestos, from which powder a pasto is made by mixture with water, and this paste is kneaded, diluted with water, dried and kneaded again, and then moulded into the desired form. By heating the latter in a crucle bie to a temperature of 1.700 degrees, u. a porcelain is obtained with a translucency comparable to that of ordinary porcelain; or if heated for eighteen hours, at a temperature of 1.200 degrees, porcelain results, of a light yellow or white color, if the asbestos powder be washed with sulphuric acid. Tests made with vessels produced from this kind of procelain certain chemical uses.

In a recent discussion before the British Inc. newly invented French material, possessing. 16

In a recent discussion before the British Ins. In a recent discussion before the British Inc.

stitution of Mechanical Engineers of the theory
that the earth must be composed of the same
materials as the sun, it was urged that such a
view receives striking confirmation from the
spectroscope, by means of which instrument
it has been demonstrated that there exist in
the state of vapor—while meteoric stones,
which beiong to the same order of substances
as the planets, have been found, by actual analysis, to be largely composed of iron and its
carbides. Again, the law of the diffusion of
gases would lead to the presumption that on
the condensation of the metallic vapor the
substances of higher specific gravity, or greater atomic weight, would collect chiefly near
the centre of the future globs, while the lighter
matters would lead to the open substances on the
surface; and, as the mean specific gravity of the
earth is about it, we while that of its superficial
deposits ranges from only two and one-half to
four, it is thought to be evident that the interior of the globe must be composed of substances having high specific weights, such as
iron, for example, which ranges between seven
and eight. Moreover, it is certain that the
rocks at a comparatively short distance down
from the surface exist in a highly heated if
not in a motten condition.

Experiments made by Herr Holle in the stitution of Mechanical Engineers of the theory

Experiments made by Herr Holle in the manufacture of iron casks prove that a cylinmanufacture of iron casks prove that a crime der, with set-in top and bottom, offers the moss suitable form for such a kind of barrel. Simple soldering of the heads does not seem to suffice, rendering it necessary for them to be secured with a lew copper rivets, and, thus fastened, they are claimed to sustain without difficulty a pressure of five atmospheres. Clossing of the barrel is effected by means of a metallic thange and and brass serew; and, for tapping the liquid in the cask, a faucet of peculiar construction, furnished with a pipe for the imblowing of air, is utilized. Herr Holle finds that simple coating of the interfer of the barrel with various kinds of iscauer, enamelling, and also thinding, stacing, nickelling, and coppering, are unsuitable, lacquered sheet iron proving the best adapted for such purpose. For the best insulating conting or intervening agent, silk paper is decidedly preferable, this being applied as follows: The interior of the barrel is first inequered; the tissue maper is then put in uniform position with the aid of some varnish, and finally it is furnished with a flatshing conting of lacquer, the latter being of a special kind, so that the fluid in the cask may remain unaffected. The covering thus used resigns the process of the precent improvements made in der, with set in top and bottom, offers the most

Some of the recent improvements made in the manufacture of wire glass leave no doub as to the practical value of that new and novel article. The form of apparatus by means of which the most satisfactory results are being produced is found to be a glass rolling table, having a three-roller carriage moving over it, running on the skie ledges, and upon this table the glass is rolled out, the ledges regulating its thickness: two of the rollers are smooth; the central roller has a series of grooves running around it, and between the leading and the corrugated roller a side is placed for the reception of a sheet of wire gauze. Now, a proper quantity of melted glass being poured out upon the table, the hot sheet of wire gauze is placed in its parrier, and the roller carrier started; the latter having progressed a little, the wire is dropped; the first roller has rolled out the glass; the wire gauze strikes the partly fluid glass, and is drawn under the corrugations, forces it into the pasty glass to the required depth. At this stage the compound mass goes under the third roller, where it is rolled to the smoothest possible condition, and the operation is comploted. The sheet is subsequently annealed in the usual way, and is ready for use. as to the practical value of that new and novel

The practice has become quite prevalent at English scaports to use sait water for street sprinkling, and the method and result are pronounced very satisfactory. At Yarmouth, which has a population of about 50,000, the sait water is pumped by a gas engine, driving a pump of 25,000 gallons daily capacity into a tank at a considerable elevation, whence it is delivered through a special system of distributing pipes, nine miles long and three to seven inches diameter; these pipes are of cast iron, coated inside with a special preservative compound. The total consumption annually has been 5,004,000 gallons for street watering, at a cost of 5 cents per 1,000 gallons, being a considerable saving over the expense of the same work when fresh water was used; the statement also is made that during the summer months English seaports to use salt water for street the expense of the same work when fresh water was used; the statement also is made that during the summer months the dust is kept under by the adhesive qualities of the sait in the water, and if the surface coating formed by the sait is removed by sweepers at the appearance of the first no disadvantageous effects can be traced to the use of sait water. At firkenhead it is found that one spread of sait water on the surface of a street or road proves equal to about three spreads of fresh water, as the latter evaporates under the heat of the sun, whereas the crust on the surface left by the sait water keeps down the dust for a considerable length of time. In another locality the report of the engineer claims that one load of sait water goes as far as three of fresh in that place; and in various other towns, where this system has once been put to the test, it has been adopted as one possessing special advantages.

cles are aware of the important part played by sulphur in the finishing processes for textile goods. It is the practical ingredient employed in bleaching white goods. The wool in its original state is impregnated most thoroughly with a greasy matter termed the yolk which is the natural grease of the animal, and the first operation consists in removing this yolk by means of the securing process; this done, the cioth is in readiness for "sulphuring, which is effected by introducing the fauric into a perfectly air-tight chamber, and subjecting it to the strong fames of burning sulphur, the latter being commonly placed in an iron pan and ignited by dropping a block of red-hot from in its midst. The goods are suspended from slats arranged in such a manner that the sulphur fumes come in contact with every part. It has been estimated that the sulphur absorbs two atoms of exygen from the air, and thus forms the sulphurous acid which is the bleaching agont. White worsteds bleached by such a process are not, however, equal in value to those bleached by the chloring method, the latter being more lasting. cles are aware of the important part played by latter being more lasting. The probability of a more thorough explora-

Few persons outside of manufacturing cir-

tion of the Antarctic continent has directed special attention in scientific circles at the present time, to that vast and remarkable region. It is an ice cap, nearly circular in form, and about 3,000 miles in diameter. Its thickness is still a problematical metter, and has been the subject of much theorizing by scientific men, who argue that, if there could be assigned to it a thickness of 15,000 feet, it would present a mass of fee large enough to displace the earth's center of gravity nearly a mile to the southward of its center; a gradual displacement of this sort, caused by the slow accumulation of ice, would, as asserted by some, produce an imperceptible drainage of the oceans from the north to the south, and the gradual emergence of northern and shipmergence of southern continents. In fact, geologists claim that an examination of our globe exhibits an actual result of this sort. Thus the greatest mass of the ocean is gathered about the south pole—the northern hemisphere includes about livesists of the land surface of the globe—and it is affirmed that this inequality is increasing, as evidenced in the slow rising of the northern error continents and the sinking of the islands of the facility. It is, however, considered more probable by some that the water is slowly draining mass from the southern.

Among the most beautiful leather fabrics tion of the Antarctic continent has directed

Among the most beautiful leather fabrics now employed in the production of fine goods are those so notable for their red and green coloring. In regard to the former an attractive red, much in use, is obtained by boiling cochineal in a linen bag with water containing about two per cent, of anyta ammonia; the alizarin red, or slight flesh color, so frequently met with is produced by brushing the leather with a solution of alizarin in dilute soda, and then rinsing with soap water; an ordinary red results from using a decoction of sanderswood upon a feeble priming of alum free from 1870; and a much admired searlet is developed by the Zaffer extract, diluted with sixty parts of water containing one part of tartar, painted on a feeble annatto bottom. Among the greens, the popular light olive is a French product, being a decoction of fusite, archii, and water, which is painted on a light bottom of Prussian tolue, and for phylic green an aqueous solution of pieric acid is substituted for the fusic and archi; for dark green, four parts of quereltron and one part logwood are used upon a strong priming of vitriol. now employed in the production of fine goods